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	CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address) 7590 08/26/2004					Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.				
	Gary L. Loser, E Varian Semicondu 35 Dory Road Gloucester, MA 01		es, Inc.	Certificate of Mailing or Trans I hereby certify that this Fee(s) Transmittal is bein States Postal Service with sufficient postage for fir addressed to the Mail Stop ISSUE FEE address transmitted to the USPTO (703) 746-4000, on the				semission		
•	11/26/2004 MMEKONE1 0		09988565	;			Cheryl A. Pur	(Depositor's name)		
(01 FC:1501 1370. 02 FC:8001 30.	.00 DA .00 DA			November 19, 2004			(Signature)		
Ì	300. APPLICATION NO.	C+1504 300.00 BA APPLICATION NO. FILING DATE			FIRST NAMED INVENTOR			ATTORNEY DOCKET NO.	CONFIRMATION NO.	
•	09/988,565	09/988,565 11/20/2001			John H	. Keller		V0077/7215WRM	8886	
,	TITLE OF INVENTION: EXTRACTION AND DECELERATION OF LOW ENERGY BEAM WITH LOW BEAM DIVERGENCE									
l	APPLN. TYPE	APPLN. TYPE SMALL ENTITY		ISSUE FEE		P	JBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE	
	nonprovisional	nonprovisional NO		\$1330			\$300	\$1630	11/26/2004	
ſ	EXAM	EXAMINER		ART UNIT		С	LASS-SUBCLASS	7		
·	VO, TUYET THI			2821			250-42300R	_		
	1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.					2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.				
3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)										
PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.										
(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)										
	ian Semiconductor E							setts 01930 Corporation or other private g	roup entity 🚨 Governmen	
Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity 4a. The following fee(s) are enclosed: 4b. Payment of Fee(s):										
	Issue Fee			A check in the amount of the fee(s) is enclosed.						
	☐ Publication Fee (No small entity discount permitted)					Payment by credit card. Form PTO-2038 is attached.				
	Advance Order - # of Copies 10					The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).				
5. Change in Entity Status (from status indicated above) a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claims.							o longer claiming SMA	LL ENTITY status. See 37 (CFR 1.27(g)(2).	
] i	The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other printerest as shown by the records of the United States Patent and Trademark Office.									
	Authorized Signature Mark Apples					_	Date	11/18/04		
	Typed or printed name Mark Superko						Registration			
2	This collection of information application. Confidential	on is required by 3 ity is governed by	37 CFR 1.311. 35 U.S.C. 12	The information 22 and 37 CFR	n is required	to obtai	n or retain a benefit by is estimated to take 12	the public which is to file (as minutes to complete, include	nd by the USPTO to processing gathering, preparing, and	

an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. Inis collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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DOCKET NO: VSEA 14-00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

John H. Keller et al.

Serial No:

09/988,565

Confirmation No:

8886

Filed:

November 20, 2001

For:

EXTRACTION AND DECELERATION OF LOW ENERGY

BEAM WITH LOW BEAM DIVERGENCE

Examiner:

Tuyet Thi Vo

Art Unit:

2821

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Mail Stop ISSUE FEE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the day of November, 2004.

Cheryl Purcell

Mail Stop ISSUE FEE Commissioner for Patents Alexandria, VA 22313-1450

Sir:

Transmitted herewith are: Issue Fee Transmittal, Part B; and Return Receipt Postcard.

It is respectfully submitted that the present application is not entitled to small entity status. Accordingly the issue fee of \$1370.00 is to be charged to Deposit Account No. 50-0896.

If the enclosed papers are considered incomplete, it is respectfully requested that the undersigned attorney be contacted at 978-282-5915. All required fees may be charged to Deposit Account No. 50-0896. A duplicate of this sheet is enclosed.

Respectfully submitted,

Mark A. Superko Reg. No. 34,027

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Gloucester, MA 01930-2297

978-282-5915